

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/785,221A
Source: 1FW16
Date Processed by STIC: 12/8/06

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IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/785,221A

DATE: 12/08/2006

TIME: 14:32:39

Input Set : A:\39780-1216R1C1D6 SAVED NOVEMBER 27, 2006.txt
 Output Set: N:\CRF4\12082006\J785221A.raw

3 <110> APPLICANT: Genentech Inc.
 4 Ashkenazi, Avi
 5 Fong, Sherman
 6 Goddard, Audrey
 7 Gurney, Austin L.
 8 Napier, Mary A.
 9 Tumas, Daniel
 10 Wood, William I.
 12 <120> TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
 13 OF DISEASES CHARACTERIZED BY A-33 RELATED ANTIGENS
 15 <130> FILE REFERENCE: P1216R1
 C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/785,221A
 C--> 18 <141> CURRENT FILING DATE: 2004-02-24
 20 <150> PRIOR APPLICATION NUMBER: US 60/066,364
 21 <151> PRIOR FILING DATE: 1997-11-21
 23 <150> PRIOR APPLICATION NUMBER: US 60/078,936
 24 <151> PRIOR FILING DATE: 1998-03-20
 26 <150> PRIOR APPLICATION NUMBER: PCT/US98/19437
 27 <151> PRIOR FILING DATE: 1998-09-17
 29 <160> NUMBER OF SEQ ID NOS: 30
 31 <210> SEQ ID NO: 1
 32 <211> LENGTH: 299
 33 <212> TYPE: PRT
 34 <213> ORGANISM: Homo sapiens
 36 <400> SEQUENCE: 1
 37 Met Gly Thr Lys Ala Gln Val Glu Arg Lys Leu Leu Cys Leu Phe
 38 1 5 10 15
 40 Ile Leu Ala Ile Leu Leu Cys Ser Leu Ala Leu Gly Ser Val Thr
 41 20 25 30
 43 Val His Ser Ser Glu Pro Glu Val Arg Ile Pro Glu Asn Asn Pro
 44 35 40 45
 46 Val Lys Leu Ser Cys Ala Tyr Ser Gly Phe Ser Ser Pro Arg Val
 47 50 55 60
 49 Glu Trp Lys Phe Asp Gln Gly Asp Thr Thr Arg Leu Val Cys Tyr
 50 65 70 75
 52 Asn Asn Lys Ile Thr Ala Ser Tyr Glu Asp Arg Val Thr Phe Leu
 53 80 85 90
 55 Pro Thr Gly Ile Thr Phe Lys Ser Val Thr Arg Glu Asp Thr Gly
 56 95 100 105
 58 Thr Tyr Thr Cys Met Val Ser Glu Glu Gly Gly Asn Ser Tyr Gly
 59 110 115 120
 61 Glu Val Lys Val Lys Leu Ile Val Leu Val Pro Pro Ser Lys Pro
 62 125 130 135

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64 Thr Val Asn Ile Pro Ser Ser Ala Thr Ile Gly Asn Arg Ala Val
65 140 145 150
67 Leu Thr Cys Ser Glu Gln Asp Gly Ser Pro Pro Ser Glu Tyr Thr
68 155 160 165
70 Trp Phe Lys Asp Gly Ile Val Met Pro Thr Asn Pro Lys Ser Thr
71 170 175 180
73 Arg Ala Phe Ser Asn Ser Ser Tyr Val Leu Asn Pro Thr Thr Gly
74 185 190 195
76 Glu Leu Val Phe Asp Pro Leu Ser Ala Ser Asp Thr Gly Glu Tyr
77 200 205 210
79 Ser Cys Glu Ala Arg Asn Gly Tyr Gly Thr Pro Met Thr Ser Asn
80 215 220 225
82 Ala Val Arg Met Glu Ala Val Glu Arg Asn Val Gly Val Ile Val
83 230 235 240
85 Ala Ala Val Leu Val Thr Leu Ile Leu Leu Gly Ile Leu Val Phe
86 245 250 255
88 Gly Ile Trp Phe Ala Tyr Ser Arg Gly His Phe Asp Arg Thr Lys
89 260 265 270
91 Lys Gly Thr Ser Ser Lys Lys Val Ile Tyr Ser Gln Pro Ser Ala
92 275 280 285
94 Arg Ser Glu Gly Glu Phe Lys Gln Thr Ser Ser Phe Leu Val
95 290 295

97 <210> SEQ ID NO: 2

98 <211> LENGTH: 321

99 <212> TYPE: PRT

100 <213> ORGANISM: Homo sapiens

102 <400> SEQUENCE: 2

103 Met Gly Ile Leu Leu Gly Leu Leu Leu Gly His Leu Thr Val
104 1 5 10 15
106 Asp Thr Tyr Gly Arg Pro Ile Leu Glu Val Pro Glu Ser Val Thr
107 20 25 30
109 Gly Pro Trp Lys Gly Asp Val Asn Leu Pro Cys Thr Tyr Asp Pro
110 35 40 45
112 Leu Gln Gly Tyr Thr Gln Val Leu Val Lys Trp Leu Val Gln Arg
113 50 55 60
115 Gly Ser Asp Pro Val Thr Ile Phe Leu Arg Asp Ser Ser Gly Asp
116 65 70 75
118 His Ile Gln Gln Ala Lys Tyr Gln Gly Arg Leu His Val Ser His
119 80 85 90
121 Lys Val Pro Gly Asp Val Ser Leu Gln Leu Ser Thr Leu Glu Met
122 95 100 105
124 Asp Asp Arg Ser His Tyr Thr Cys Glu Val Thr Trp Gln Thr Pro
125 110 115 120
127 Asp Gly Asn Gln Val Val Arg Asp Lys Ile Thr Glu Leu Arg Val
128 125 130 135
130 Gln Lys Leu Ser Val Ser Lys Pro Thr Val Thr Thr Gly Ser Gly
131 140 145 150
133 Tyr Gly Phe Thr Val Pro Gln Gly Met Arg Ile Ser Leu Gln Cys
134 155 160 165

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136 Gln Ala Arg Gly Ser Pro Pro Ile Ser Tyr Ile Trp Tyr Lys Gln
 137 170 175 180
 139 Gln Thr Asn Asn Gln Glu Pro Ile Lys Val Ala Thr Leu Ser Thr
 140 185 190 195
 142 Leu Leu Phe Lys Pro Ala Val Ile Ala Asp Ser Gly Ser Tyr Phe
 143 200 205 210
 145 Cys Thr Ala Lys Gly Gln Val Gly Ser Glu Gln His Ser Asp Ile
 146 215 220 225
 148 Val Lys Phe Val Val Lys Asp Ser Ser Lys Leu Leu Lys Thr Lys
 149 230 235 240
 151 Thr Glu Ala Pro Thr Thr Met Thr Tyr Pro Leu Lys Ala Thr Ser
 152 245 250 255
 154 Thr Val Lys Gln Ser Trp Asp Trp Thr Thr Asp Met Asp Gly Tyr
 155 260 265 270
 157 Leu Gly Glu Thr Ser Ala Gly Pro Gly Lys Ser Leu Pro Val Phe
 158 275 280 285
 160 Ala Ile Ile Leu Ile Ile Ser Leu Cys Cys Met Val Val Phe Thr
 161 290 295 300
 163 Met Ala Tyr Ile Met Leu Cys Arg Lys Thr Ser Gln Gln Glu His
 164 305 310 315
 166 Val Tyr Glu Ala Ala Arg
 167 320
 169 <210> SEQ ID NO: 3
 170 <211> LENGTH: 390
 171 <212> TYPE: DNA
 172 <213> ORGANISM: Artificial Sequence
 174 <220> FEATURE:
 175 <223> OTHER INFORMATION: sequence is synthesized
 177 <400> SEQUENCE: 3
 178 cttcttgcca actggtatca ccttcaagtc cgtgacacgg gaagacactg 50
 180 ggacatacac ttgtatggtc tctgaggaag gcggcaacag ctatggggag 100
 182 gtcaagggtca agctccatcg tcttgcgcct ccatccaagc ctacaggtaa 150
 184 catcccctcc tctgccacca ttgggaaaccg ggcagtgtcg acatgctcag 200
 186 aacaagatgg ttccccaccc tctgaataca cctgggtcaa agatgggata 250
 188 gtgatgccta cgaatcccaa aagcaccctgt gccttcagca actcttccta 300
 190 tgcctgaat cccacaacag gagagctgtt ctttgatccc ctgtcagcct 350
 192 ctgatactgg agaatacagc tgtgaggcac ggaatggta 390
 194 <210> SEQ ID NO: 4
 195 <211> LENGTH: 726
 196 <212> TYPE: DNA
 197 <213> ORGANISM: Artificial Sequence
 199 <220> FEATURE:
 200 <223> OTHER INFORMATION: sequence is synthesized
 202 <400> SEQUENCE: 4
 203 tctcagtccc ctcgcgttag tcgcggagct gtgttctgtt tcccaggagt 50
 205 ctttcggccgg ctgttgcgt caggtgcgcct tgatcgcgt ggggacaaag 100
 207 gcgcaagctc gagagggaaac tgggtgcgcct cttcatattg gcgatcctgt 150
 209 tgtgctccct ggcattgggc agtgttacag ttgcactctt ctgaacctga 200
 211 agtcagaatt cctgagaata atcctgtgaa gttgtcctgt gcctactcgg 250

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213 gctttcttc tccccgtgtg gagtggaaagt ttgaccaagg agacaccacc 300
 215 agactcgtt gctataataa caagatcaca gcttcctatg aggaccgggt 350
 217 gaccccttg ccaactggta tcaccccaa gtcggtgaca cggaaagaca 400
 219 ctgggacata cacttgtatg gtctctgagg aaggcggcaa cagctatggg 450
 221 gaggtcaagg tcaagctcat cgtgctgtg cttccatcca agcctacagt 500
 223 taacatcccc tcctctgcca ccattggaa cggggcagtg ctgacatgct 550
 225 cagaacaaga tggttccccca ccttctgaat acacctgggtt caaagatggg 600
 227 atagtgtatgc ctacgaatcc caaaagcacc cgtgccttca gcaactcttc 650
 229 ctatgtcctg aatcccacaa caggagagct ggtcttgat cccctgtcag 700
 231 cctctgatac tggagaatac agctgt 726
 233 <210> SEQ ID NO: 5
 234 <211> LENGTH: 1503
 235 <212> TYPE: DNA
 236 <213> ORGANISM: Artificial Sequence
 238 <220> FEATURE:
 239 <223> OTHER INFORMATION: sequence is synthesized
 241 <400> SEQUENCE: 5
 242 gcaggcaaaag taccaggggcc gcctgcattt gaggcacaag gttccaggag 50
 244 atgtatccct ccaattggac accctggaga tggatgaccg gagccactac 100
 246 acgtgtgaag tcacccctggca gactcctgtat ggcaaccaag tcgtgagaga 150
 248 taagattact gagctccgtg tccagaaact ctctgtctcc aagcccacag 200
 250 tgacaactgg cagcggttat ggcttcacgg tgcccccagg aatgaggatt 250
 252 agccttcaat gccagggttc ggggttctcc tcccatcagt tatatttgg 300
 254 ataagcaaca gactaataac cagggaaaccc atcaaagtatg caaccctaag 350
 256 taccttactc ttcaagccctg cggtgatagc cgactcaggc tcctatttct 400
 258 gcactgccaa gggccagggtt ggctctgaggc agcacacgcgaa cattgtgaag 450
 260 tttgtggtca aagactccctc aaagctactc aagaccaaga ctgaggcacc 500
 262 tacaaccatg acataaccctc taaaagcaac atctacagtg aagcagtcct 550
 264 gggactggac cactgacatg gatggctacc ttggagagac cagtgcgtgg 600
 266 ccaggaaaga gcctgcctgt ctgtccatc atccatca tctccttgg 650
 268 ctgtatgggt gtttttacca tggcttatcatgctctgt cggaagacat 700
 270 cccacaacaaga gcatgtctac gaagcagcca gggcacatgc cagagaggcc 750
 272 aacgactctg gagaaaccat gagggtgccat atttcgcaa gtggctgctc 800
 274 cagtgtatgag ccaacttccc agaatctggg gcaacaacta ctctgtatgag 850
 276 ccctgcatac gacaggagta ccagatcatc gcccagatca atggcaacta 900
 278 cggccgcctg ctggacacag ttccctctgaa ttatgagtt ctggccactg 950
 280 agggcaaaag tgtctgttaa aaatgccccca ttagggcagg atctgctgac 1000
 282 ataattgcct agtcaatccct tgccttctgc atggccttct tccctgtac 1050
 284 ctctcttcctt ggtatggccaa aagtgtccgc ctaccaacac tggagccgct 1100
 286 gggagtcaact ggcttggccc tggaaattgc cagatgcata tcaagtaagc 1150
 288 cagctgcgtgg atttggctctt gggcccttctt agtacatctgt cccggggctt 1200
 290 ctgggtactcc tctctaaata ccagaggaa gatgcccata gcactaggac 1250
 292 ttgggtcatca tgccttacaga cactattcaa ctttggcatc ttggccaccag 1300
 294 aagaccccgag gggaggctca gctctgcag ctcagaggac cagctatatc 1350
 296 caggatcatt tctctttctt cagggccaga cagttttaa ttgaaattgt 1400
 298 tatttcacag gccagggttc agttctgctc ctccactata agtctaattgt 1450
 300 tctgactctc tcctggtgct caataatataa ctaatcataa cagcaaaaaa 1500
 302 aaa 1503
 304 <210> SEQ ID NO: 6

RAW SEQUENCE LISTING DATE: 12/08/2006
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 Output Set: N:\CRF4\12082006\J785221A.raw

305 <211> LENGTH: 319
 306 <212> TYPE: PRT
 307 <213> ORGANISM: Homo sapiens
 309 <400> SEQUENCE: 6
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 311 1 5 10 15
 313 Arg Val Thr Val Asp Ala Ile Ser Val Glu Thr Pro Gln Asp Val
 314 20 25 30
 316 Leu Arg Ala Ser Gln Gly Lys Ser Val Thr Leu Pro Cys Thr Tyr
 317 35 40 45
 319 His Thr Ser Thr Ser Arg Glu Gly Leu Ile Gln Trp Asp Lys
 320 50 55 60
 322 Leu Leu Leu Thr His Thr Glu Arg Val Val Ile Trp Pro Phe Ser
 323 65 70 75
 325 Asn Lys Asn Tyr Ile His Gly Glu Leu Tyr Lys Asn Arg Val Ser
 326 80 85 90
 328 Ile Ser Asn Asn Ala Glu Gln Ser Asp Ala Ser Ile Thr Ile Asp
 329 95 100 105
 331 Gln Leu Thr Met Ala Asp Asn Gly Thr Tyr Glu Cys Ser Val Ser
 332 110 115 120
 334 Leu Met Ser Asp Leu Glu Gly Asn Thr Lys Ser Arg Val Arg Leu
 335 125 130 135
 337 Leu Val Leu Val Pro Pro Ser Lys Pro Glu Cys Gly Ile Glu Gly
 338 140 145 150
 340 Glu Thr Ile Ile Gly Asn Asn Ile Gln Leu Thr Cys Gln Ser Lys
 341 155 160 165
 343 Glu Gly Ser Pro Thr Pro Gln Tyr Ser Trp Lys Arg Tyr Asn Ile
 344 170 175 180
 346 Leu Asn Gln Glu Gln Pro Leu Ala Gln Pro Ala Ser Gly Gln Pro
 347 185 190 195
 349 Val Ser Leu Lys Asn Ile Ser Thr Asp Thr Ser Gly Tyr Tyr Ile
 350 200 205 210
 352 Cys Thr Ser Ser Asn Glu Glu Gly Thr Gln Phe Cys Asn Ile Thr
 353 215 220 225
 355 Val Ala Val Arg Ser Pro Ser Met Asn Val Ala Leu Tyr Val Gly
 356 230 235 240
 358 Ile Ala Val Gly Val Val Ala Ala Leu Ile Ile Gly Ile Ile
 359 245 250 255
 361 Ile Tyr Cys Cys Cys Cys Arg Gly Lys Asp Asp Asn Thr Glu Asp
 362 260 265 270
 364 Lys Glu Asp Ala Arg Pro Asn Arg Glu Ala Tyr Glu Glu Pro Pro
 365 275 280 285
 367 Glu Gln Leu Arg Glu Leu Ser Arg Glu Arg Glu Glu Glu Asp Asp
 368 290 295 300
 370 Tyr Arg Gln Glu Glu Gln Arg Ser Thr Gly Arg Glu Ser Pro Asp
 371 305 310 315
 373 His Leu Asp Gln
 376 <210> SEQ ID NO: 7
 377 <211> LENGTH: 2181

VERIFICATION SUMMARY DATE: 12/08/2006
PATENT APPLICATION: US/10/785,221A TIME: 14:32:40

Input Set : A:\39780-1216R1C1D6 SAVED NOVEMBER 27, 2006.txt
Output Set: N:\CRF4\12082006\J785221A.raw

L:17 M:270 C: Current Application Number differs, Replaced Current Application Number
L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date